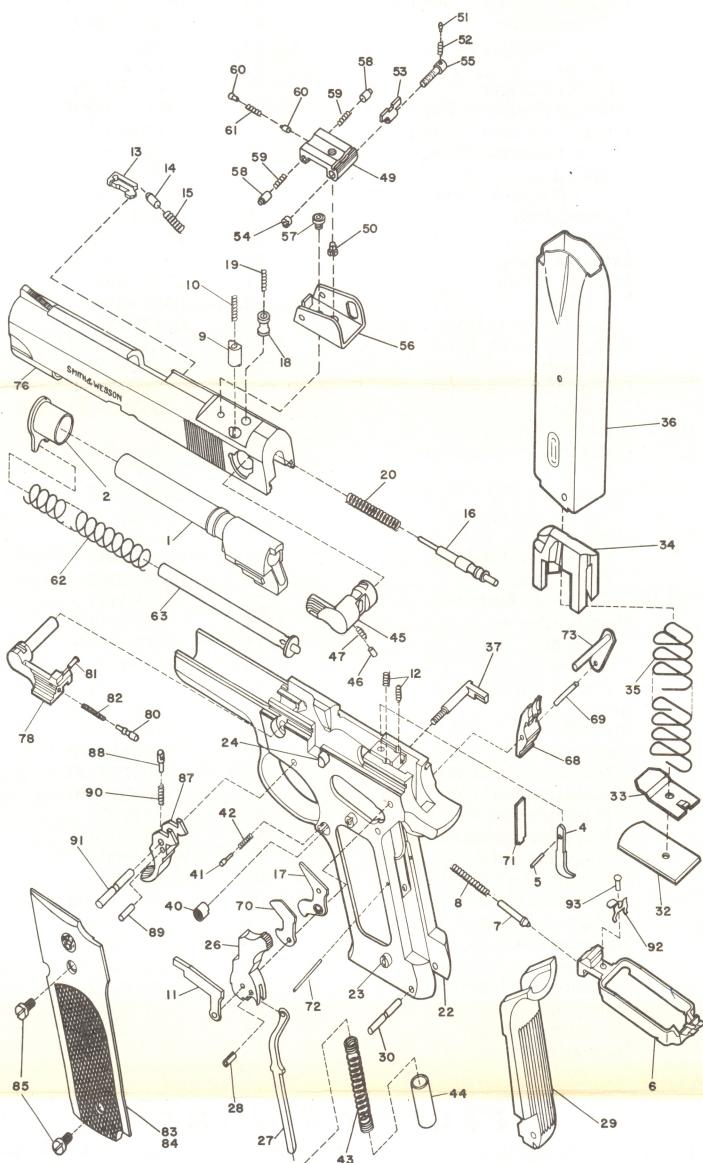


# 9MM AUTOMATIC PISTOL DOUBLE ACTION      MODEL No. 459/559

PARTS LIST • INSTRUCTIONS FOR USE • MAINTENANCE • SPECIFICATIONS



This schematic diagram and parts list conform to the current specifications provided by our Engineering Department. From time to time improvements are made in all our models. For this reason, the gun which you own may not correspond exactly with the information provided on this sheet. When requesting information or ordering parts for your gun, please provide the serial number and approximate date of purchase.



# SMITH & WESSON 9MM AUTOMATIC PISTOL DOUBLE ACTION

## PARTS LIST

Item No.	Part No.	Description	Item No.	Part No.	Description
1	069580000	Barrel.....	46	068370000	Manual Safety Plunger .....
2	060000000	Barrel Bushing .....	47	063720000	Manual Safety Plunger Spring .....
**3	069520000	Disconnecter Ass'y. Md 459.	**48	063730000	Rear Sight Body Ass'y. ....
	063570000	Disconnecter Ass'y. Md 559.	49	063750000	R. S. Body .....
4	069510000	Disconnecter .....	50	063770000	R. S. Elevation Screw .....
5	061080000	Disconnecter Pin .....	51	071580000	R. S. Plunger .....
6	069210000	Drawbar .....	52	071590000	R. S. Plunger Spring .....
7	061100000	Drawbar Plunger .....	53	060760000	R. S. Slide .....
8	068070000	Drawbar Plunger Spring .....	54	051070000	R. S. Windage Nut .....
9	060130000	Ejector Depressor Plunger ..	55	060950000	R. S. Windage Screw .....
10	060140000	Ejector Depressor Plunger Spring .....	56	063740000	R. S. Base .....
11	060150000	Ejector Magazine Depressor ..	57	069380000	R. S. Base Screw .....
12	060170000	Ejector Spring .....	58	068440000	R. S. Body Plunger .....
13	061180000	Extractor .....	59	063800000	R. S. Body Plunger Spring .....
14	064860000	Extractor Plunger .....	60	063780000	R. S. Elevation Plunger .....
15	063840000	Extractor Spring .....	61	063810000	R. S. Elevation Spring .....
16	068830000	Firing Pin .....	62	060480000	Recoil Spring .....
17	069550000	Firing Pin Safety Lever ..	63	063230000	Recoil Spring Guide Ass'y. ....
18	069250000	Firing Pin Safety Lever Plunger .....	**64	060610000	Recoil Spring Guide .....
19	063890000	Firing Pin Safety Lever Spring .....	**65	060620000	Recoil Spring Guide Bushing .....
20	068160000	Firing Pin Spring .....	**66	060630000	Recoil Spring Guide Plunger .....
**21	069430000	Frame Ass'y. Aluminum Md 459 .....	**67	060640000	Recoil Spring Guide Plunger Spring .....
	069500000	Frame Ass'y. Steel Md 559 .....	68	069270000	Sear .....
22	069430000	*Frame, Aluminum Md 459 .....	69	062670000	Sear Pin .....
	069500000	Frame, Steel Md 559 .....	70	068850000	Sear Release Lever .....
23	062540000	Frame Stud .....	71	068590000	Sear Spring .....
24	063520000	Slide Stop Button .....	72	063040000	Sear Spring Retaining Pin .....
**25	063910000	Hammer Ass'y. ....	73	062680000	Sideplate Ass'y. ....
26	063900000	Hammer .....	**74	062550000	Hammer Pin .....
27	061510000	Stirrup .....	**75	062680000	Sideplate .....
28	061520000	Stirrup Pin .....	76	069560000	Slide .....
29	062560000	Insert .....	**77	063660000	Slide Stop Ass'y. ....
30	062570000	Insert Pin .....	78	062690000	Slide Stop .....
**31	062580000	Magazine Ass'y. ....	**79	062700000	Slide Stop Pin .....
	062600000	Magazine Butt Plate .....	80	060830000	Slide Stop Plunger .....
32	063250000	Magazine Butt Plate Catch .....	81	063190000	Slide Stop Plunger Rivet .....
33	060240000	Magazine Follower .....	82	063030000	Slide Stop Plunger Spring .....
34	062650000	Magazine Spring .....	83	062710000	Stock Lt., Ch'k'd. Walnut .....
35	062660000	Magazine Tube .....	84	062720000	Stock, Rt., Ch'k'd Walnut .....
36	062620000	Magazine Catch Ass'y. ....	85	062640000	Stock Screw .....
37	060390000	Magazine Catch .....	**86	063610000	Trigger Ass'y. ....
**38	062630000	Magazine Catch Stud .....	87	061530000	Trigger .....
40	063390000	Magazine Catch Nut .....	88	068780000	Trigger Plunger .....
41	068290000	Magazine Catch Plunger .....	89	060110000	Trigger Plunger Pin .....
42	068300000	Magazine Catch Spring .....	90	061220000	Trigger Plunger Spring .....
43	061490000	Mainspring .....	91	062570000	Trigger Pin .....
44	061280000	Mainspring Plunger .....	92	061270000	Trigger Play Spring .....
45	069370000	Manual Safety .....	93	061260000	Trigger Play Spring Rivet .....

\*Requires Factory Installation

\*\*Not Illustrated

## SPECIFICATIONS

Caliber .....	9mm Luger and Parabellum
Magazine Capacity .....	14
Barrel Length .....	4 inches
Length Over All .....	7 $\frac{1}{16}$ inches
Weight, Aluminum .....	27 oz. without magazine
Steel .....	40 $\frac{1}{4}$ oz. without magazine

Sights .....	Fixed, $\frac{1}{8}$ -inch serrated ramp front; Fully adjustable rear sight adjustable for windage and elevation
Stocks .....	Checked Black Nylon with S&W Monograms
Finish .....	S&W Blue or Nickel
Ammunition .....	9mm Luger and Parabellum

Smith & Wesson will refinish handguns of its own manufacture. No change of finish is offered on the Victory or Airweight® model or on Models 28, 39, 59, 60, 63, 64, 65, 66, 67, 439, 459, 629, 681, or 686. Repair or replacement of parts are in addition to refinishing price.

## SERVICE

Should your Smith & Wesson revolver require adjustment, repair, or refinishing, we recommend most sincerely that the weapon be returned to the factory or authorized service center. There is no other way to insure that the work will be done in a properly equipped and staffed shop.

Charges are very reasonable, being based on the cost of parts replaced plus a labor charge for the time expended on the job. A labor charge for one hour is usually sufficient to cover all but very extensive overhaul jobs.

Revolvers returned to the factory or authorized service center should be MARKED FOR THE ATTENTION OF THE SERVICE

DEPARTMENT. A letter of instructions should be enclosed with the gun, and shipment must be made Prepaid. Adherence to these suggestions will prevent loss of time in handling at the factory.

When returning guns for service, please remove custom stocks and holsters. We cannot assume responsibility for these items.

When your revolver arrives for service, it will be very carefully inspected, together with your letter of instructions. Next, a quotation covering total cost of work to be performed will be sent to you. No actual work will be commenced before receiving your approval of our quotation.

**SEE YOUR AUTHORIZED SMITH & WESSON  
SERVICE CENTERS LIST FOR YOUR LOCAL SERVICE CENTER**

# SMITH & WESSON DOUBLE ACTION 9MM AUTOMATIC PISTOL

## INSTRUCTIONS FOR USE

Before proceeding to use this weapon, a word of caution is in order. This pistol is as safe to handle and use as we can make it, but there is no fool-proof firearm. Be sure that the muzzle is pointing in a safe direction at all times, whether the gun is loaded or not. Make safe gun handling a habit.

### To Load

Magazine capacity is 14 rounds. Release magazine by pressing magazine catch nut on left side of frame back of trigger guard. Hold MAGAZINE in one hand with the rounded or forward edge away from the palm. Place a cartridge on the forward end of the FOLLOWER, press down and to the rear with the cartridge head or base toward the rear of flat edge of the MAGAZINE. Succeeding cartridges are loaded in the same manner, one on top of another.

Place MANUAL SAFETY in the lower or "safe" position. Insert MAGAZINE in butt until engaged with MAGAZINE CATCH. Simply press magazine into place — do not drive in forcibly, as this practice may in time cause distortion of magazine lips and resultant malfunctions. Draw SLIDE all of the way to the rear and release. With HAMMER down and SAFETY in "safe" position, the first shot may be discharged by simply placing the MANUAL SAFETY in the upper or "fire" position and pulling the TRIGGER. The DOUBLE ACTION FEATURE cocks and releases the HAMMER in one operation as in firing a double action revolver. Subsequent shots may be fired as in traditional automatic pistols.

Upon firing the last round, the SLIDE STOP engages the SLIDE holding the action open. The MAGAZINE may now be withdrawn and reloaded. To release the SLIDE STOP press downward. When SLIDE STOP is disengaged, SLIDE will move forward to closed position. If it is desired to continue firing, the SLIDE may be left open and a loaded MAGAZINE inserted, in which case the slide can be released by drawing the slide rearward to its limit and letting it spring to battery position.

Note that a cartridge in the CHAMBER cannot be fired when the MAGAZINE is disengaged from the MAGAZINE CATCH. This is a valuable safety feature.

When unloading a loaded pistol, put MANUAL SAFETY in "safe" or low position. Press MAGAZINE RELEASE BUTTON and remove MAGAZINE. Next, draw SLIDE to rear, thus removing loaded cartridge from the CHAMBER.

The cartridges in the MAGAZINE may be removed by pushing forward on the head of each cartridge until it is released from the MAGAZINE LIPS.

### To Disassemble (Field Strip)

1. Remove MAGAZINE by pressing MAGAZINE RELEASE BUTTON on left side of FRAME to the rear of TRIGGER GUARD, and drawing MAGAZINE out of BUTT.
2. Inspect CHAMBER to assure that pistol is not loaded.
3. Put SAFETY in "fire" or upper position.
4. While pressing to left on right end of SLIDE STOP (above TRIGGER on right side of FRAME) draw SLIDE to rear until RECESS in the lower left side of SLIDE is aligned with forward end of SLIDE STOP. Draw SLIDE STOP completely from FRAME.
5. Pull SLIDE forward off from FRAME.
6. With SLIDE upside down, compress RECOIL SPRING and lift out RECOIL SPRING GUIDE ASSEMBLY.
7. Remove BARREL BUSHING by rotating lower portion toward left side of SLIDE and drawing forward out of SLIDE.
8. Remove BARREL by lifting rear end back and out of SLIDE.

No further disassembly is recommended, as the pistol may be properly cleaned and lubricated when field-stripped as described above.

### To Reassemble

1. Replace BARREL in SLIDE.
2. Replace BARREL BUSHING.
3. Replace RECOIL SPRING and RECOIL SPRING GUIDE ASSEMBLY, making sure that RECOIL SPRING GUIDE BUSHING is engaged in the small radius cut in barrel lug and properly centered. Failure to center properly will leave RECOIL SPRING GUIDE protruding from BARREL BUSHING after assembly.
4. Replace SLIDE on FRAME, depressing EJECTOR and SEAR RELEASE LEVER in turn, so that SLIDE will travel to the rear over them. When slide stop cut on SLIDE is aligned with slide stop hole in FRAME, insert SLIDE STOP and allow SLIDE to return to forward position.
5. Replace MAGAZINE.

## **Care and Cleaning**

Pistols should be field stripped and cleaned at reasonably frequent intervals to insure proper functioning.

Use any good commercial solvent, and after cleaning, lubricate sparingly with a light weight gun oil. Outside surfaces may be protected from corrosion by coating lightly with a rust inhibiting oil or grease.

Be careful not to drop magazines, as they may be sufficiently deformed to cause failure to feed properly.

## **To Disassemble Slide Assembly**

Press rear end of firing pin forward as far as possible with drift punch. Grasp forward end of firing pin with pliers and hold. Turn manual safety thumb-piece to point halfway between "fire" and "safe" positions and press right end of safety bar. Manual safety may now be drawn out of slide. Hold thumb over rear end of firing pin and release grip on pliers. Firing pin and firing pin spring may now be removed. Manual safety plunger and plunger spring may also be removed from manual safety opening.

Drive extractor pin from **top** out of **tapered hole**, remove extractor and spring.

## **To Reassemble**

Hold slide **bottom up**, place spring and extractor in slot and align holes, drive pin in clear of frame track.

Replace manual safety plunger and spring. Insert firing pin and spring. Push rear end of firing pin forward as far as possible and hold forward end with pliers. Insert manual safety until end of safety bar contacts manual safety plunger. Release grip on pliers and depress manual safety plunger, pressing manual safety bar into position.

## **To Disassemble Frame Assembly (After Removing Slide and Magazine)**

Remove stocks by removing four stock screws. Drive out insert pin located just above lanyard ring. Remove insert. Mainspring and mainspring plunger may then be lifted out of insert. Pull out sideplate

assembly on right side of frame. Lift out hammer and stirrup. Remove ejector, ejector spring and sear release lever. Push sear pin out from either side of frame, allowing sear to drop out. Drive trigger pin out from left side, allowing drawbar to slide back toward rear of frame. Let disconnector drop out, and pull drawbar and trigger play spring assembly out from rear of frame. Tip frame to vertical position, butt down, allowing drawbar plunger and spring to drop out. Push trigger upward and forward out of frame. Place frame on right side so magazine catch body is supported. Using drift, press down magazine catch plunger and hold. Turn magazine catch nut counter-clockwise to loosen.

## **To Reassemble Frame Assembly**

Insert magazine catch body in frame. Support frame on solid surface and insert magazine catch spring and plunger. Depress plunger and assemble magazine catch nut. Turn until shank of magazine catch body is slightly below surface of nut. Release plunger and let it snap into notch.

Insert trigger downward through top of frame. Insert drawbar plunger and spring into hole forward of trigger. Insert drawbar through rear of frame, engaging drawbar plunger. Hold drawbar in position, and with frame bottom side up insert disconnector.

Grasp trigger and work drawbar and trigger play spring assembly all the way forward so that rear of drawbar is under the foot of the disconnector. Insert trigger pin. Be sure drawbar moves *under* foot of disconnector.

Insert sear and sear pin, headed end of pin on right side of frame.

Hold trigger back and insert stirrup and hammer. Release trigger. Insert sear release lever. Insert side plate stud through right side of frame, sear release lever, and partially through hammer stud hole. Insert ejector spring in hole and set ejector in place. Press sideplate stud completely through hammer ejector and frame.

Place mainspring and mainspring plunger over stirrup. Bring insert into position by guiding mainspring plunger into recess in insert. Place top of insert in frame and swing base into place. Drive in insert pin.

Replace stocks and stock screws.



**Smith & Wesson**

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